

Appendix Test Data

Report No.:	1812C50038012501	Test Sample No.:	1-2-2
Start Test Date:	2025.2.7	Finish Test Date:	2025.2.12
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	22.8°C	Relative Humidity:	62%
Pressure:	101kPa		

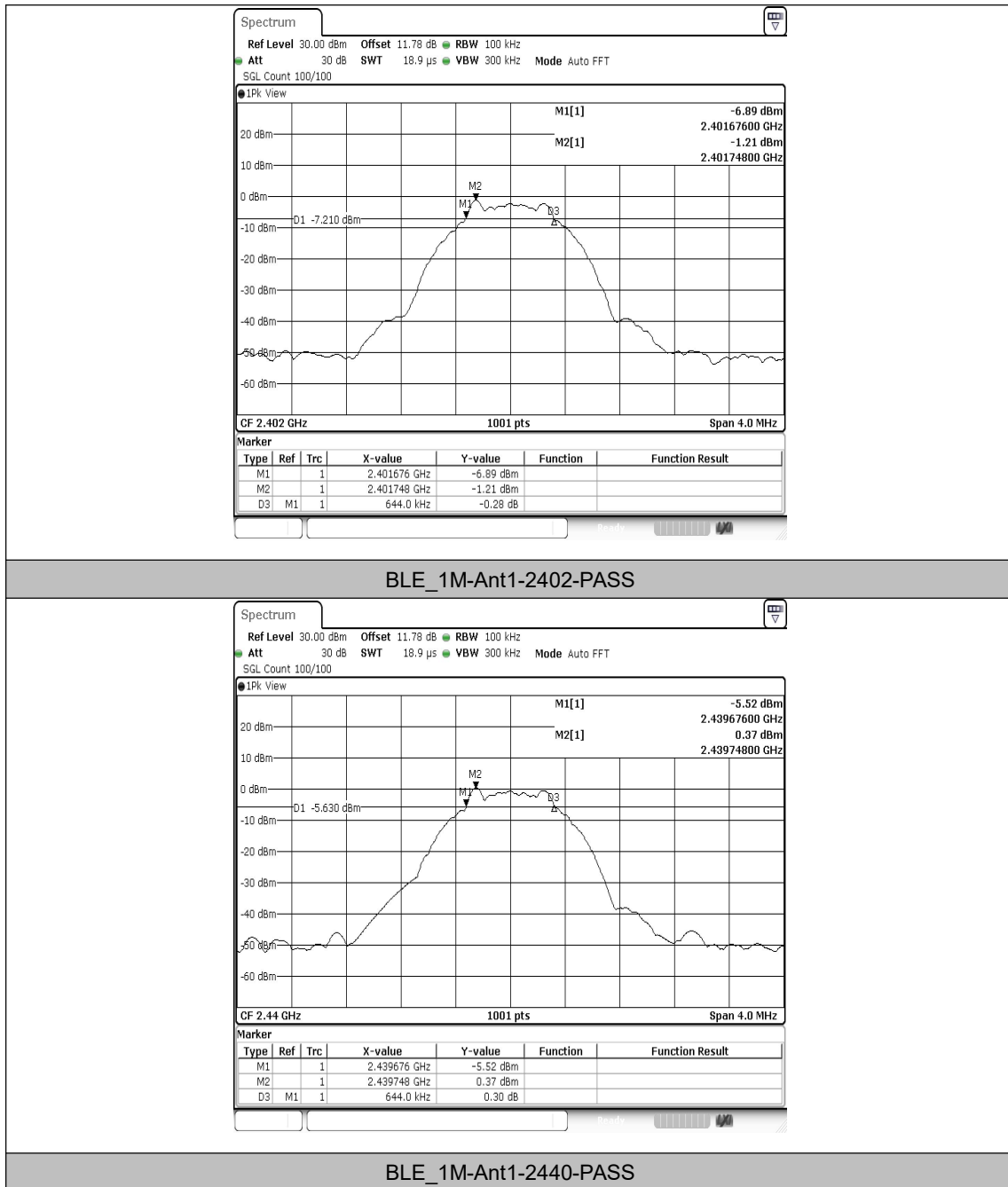
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.64	2401.68	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.68	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.71	2479.64	2480.36	0.5	PASS
BLE_2M	Ant1	2402	1.13	2401.41	2402.54	0.5	PASS
BLE_2M	Ant1	2440	1.14	2439.41	2440.55	0.5	PASS
BLE_2M	Ant1	2480	1.01	2479.40	2480.41	0.5	PASS



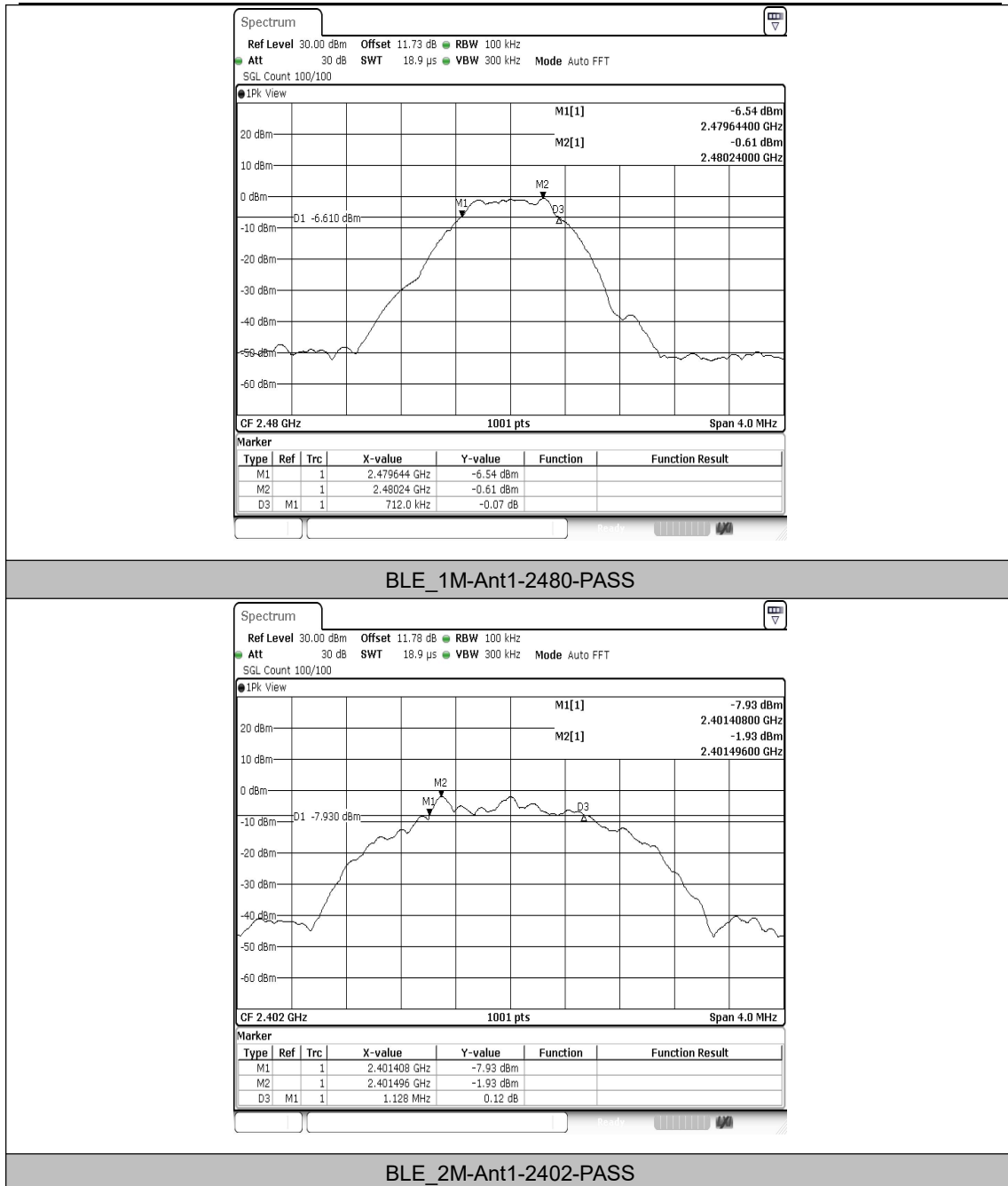
Test Graphs

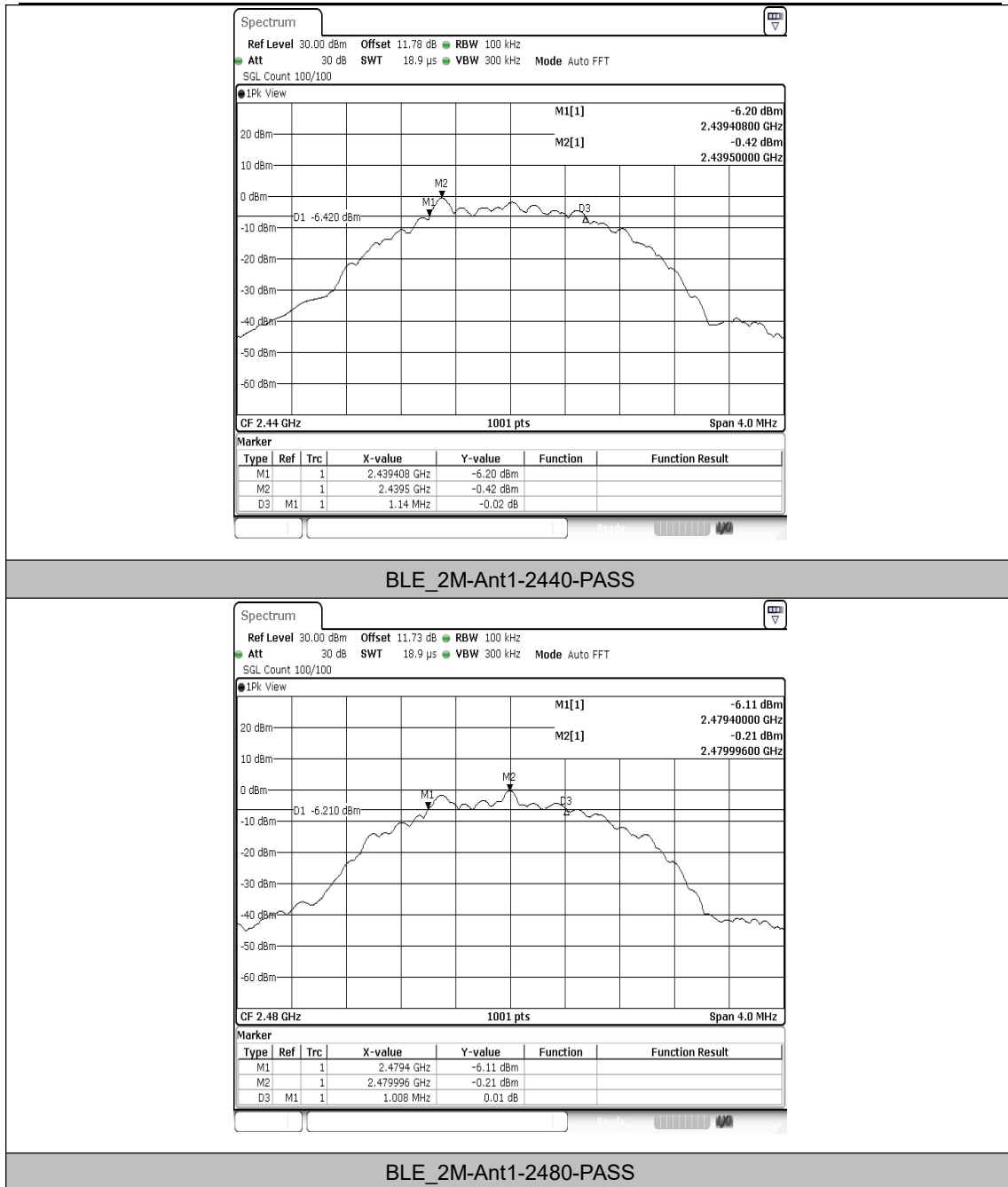


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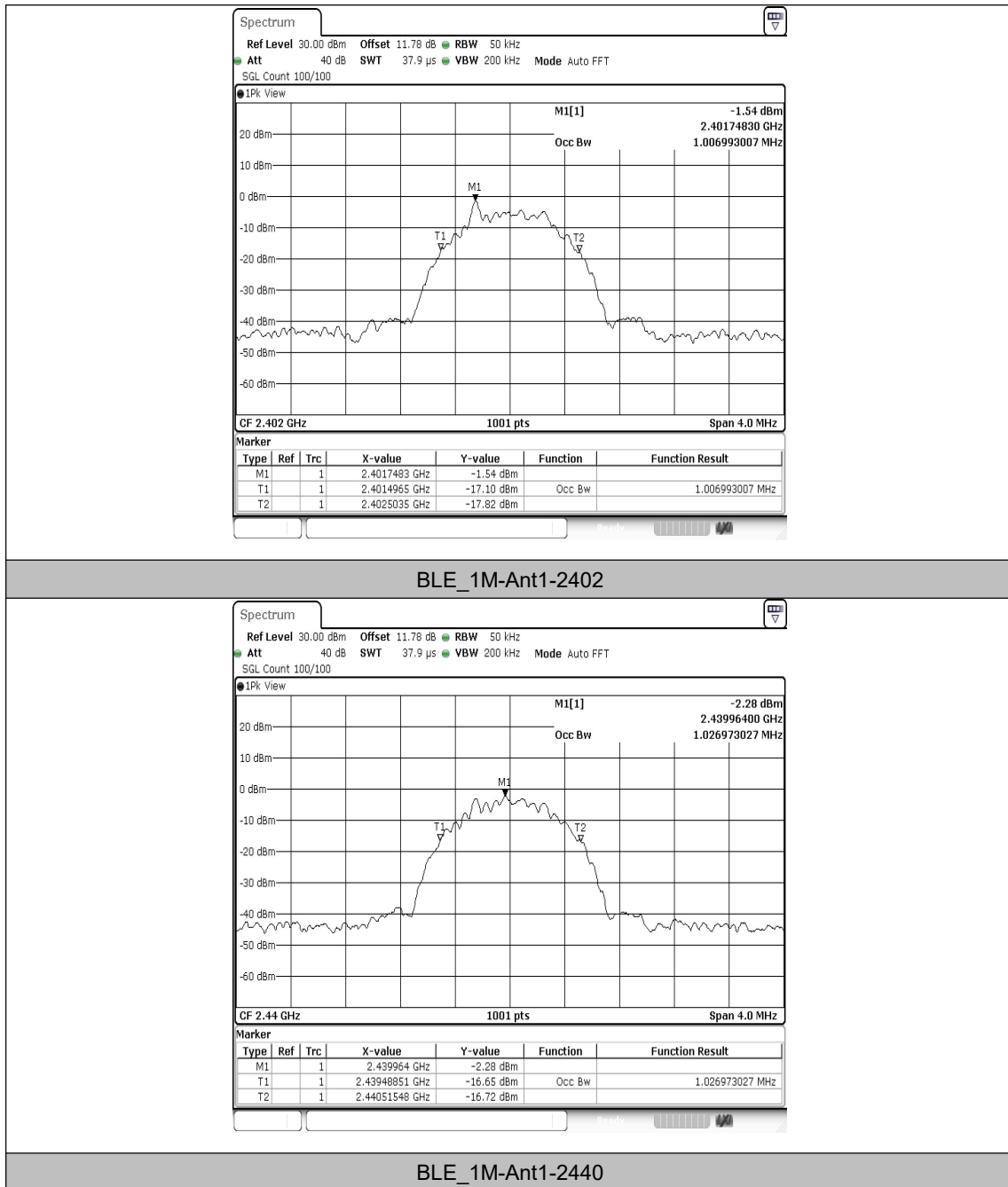
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.007	2401.4965	2402.5035	---	---
BLE_1M	Ant1	2440	1.027	2439.4885	2440.5155	---	---
BLE_1M	Ant1	2480	1.015	2479.4965	2480.5115	---	---
BLE_2M	Ant1	2402	2.042	2400.9890	2403.0310	---	---
BLE_2M	Ant1	2440	2.018	2439.0010	2441.0190	---	---
BLE_2M	Ant1	2480	2.022	2478.9930	2481.0150	---	---



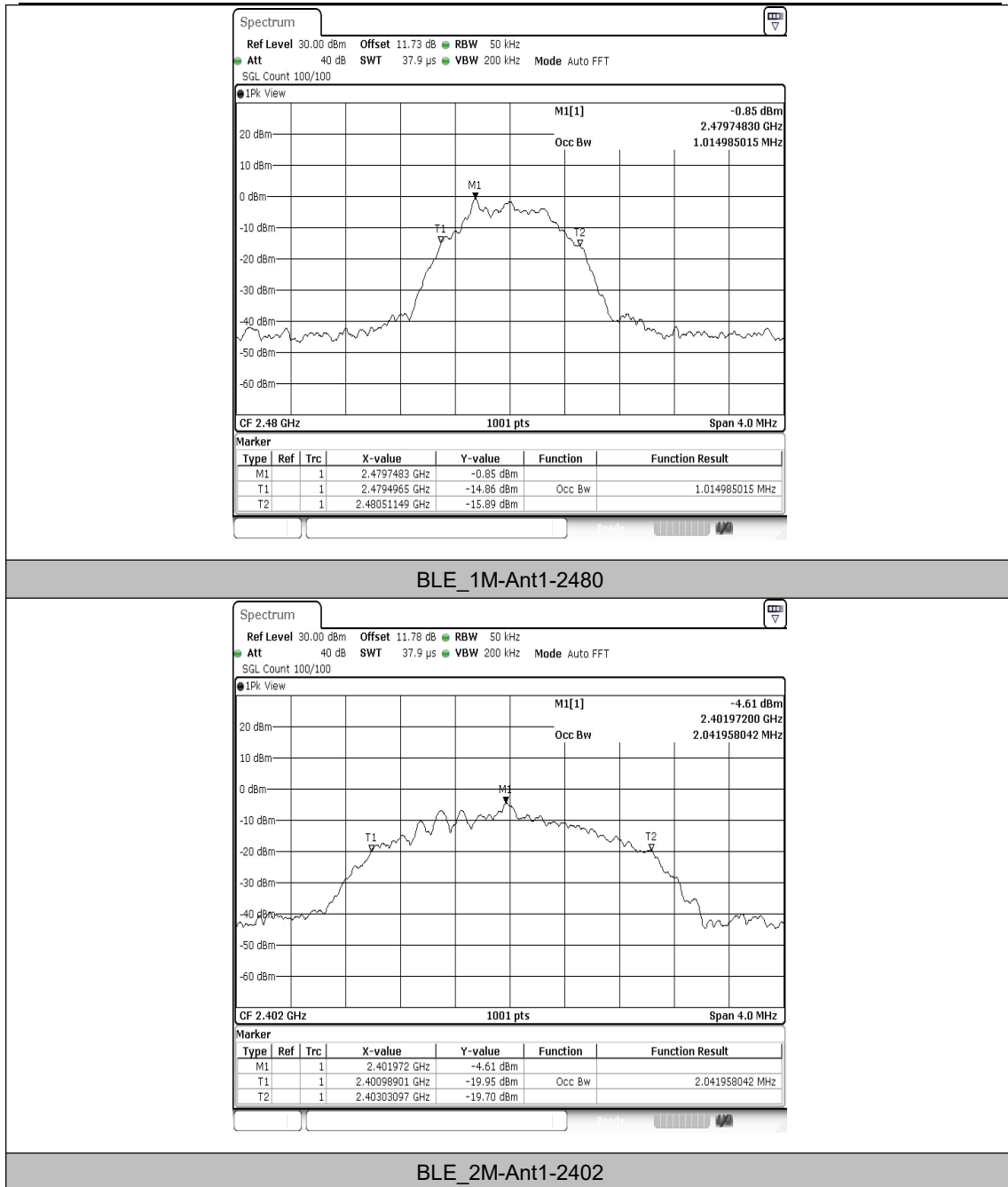
Test Graphs

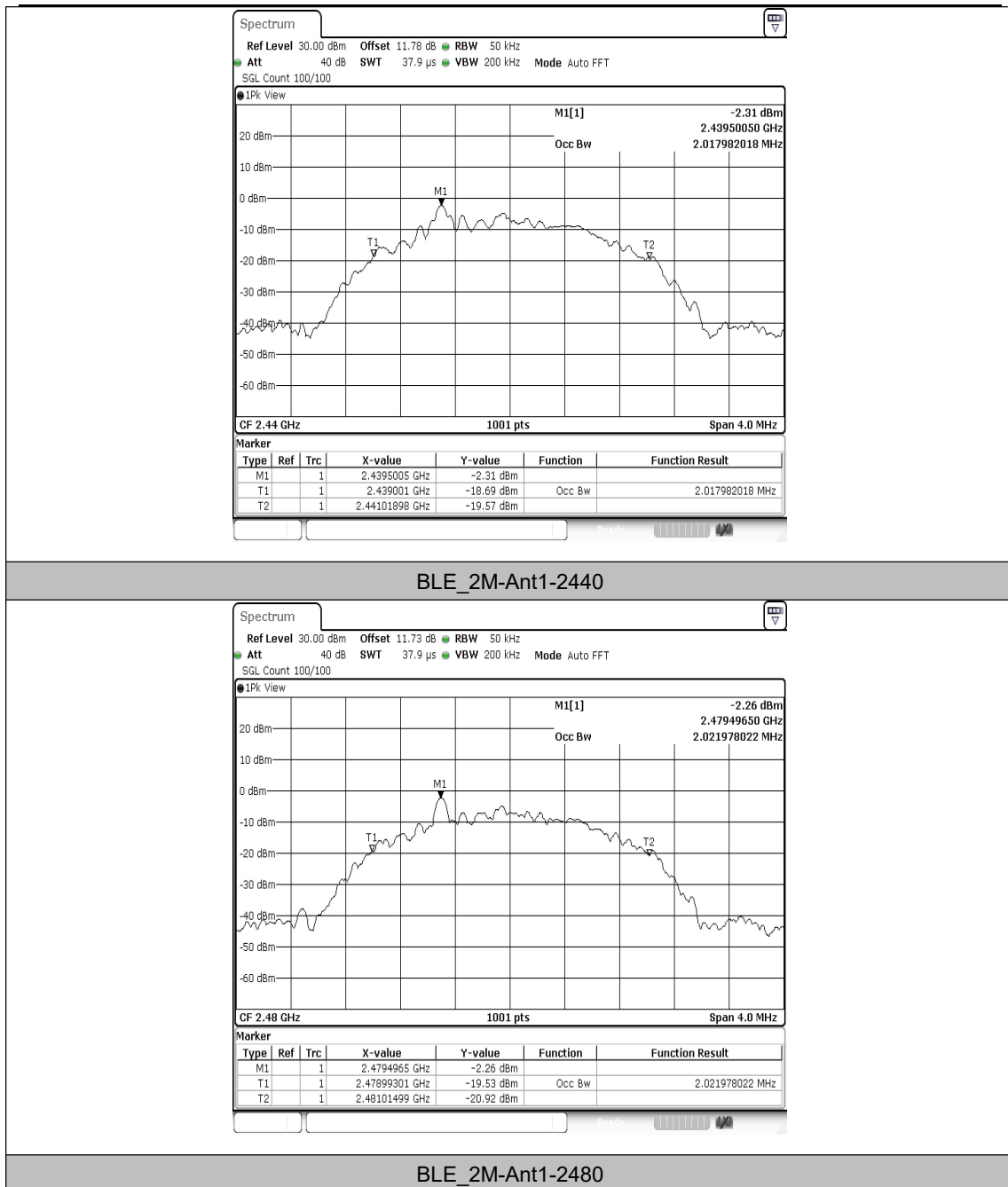


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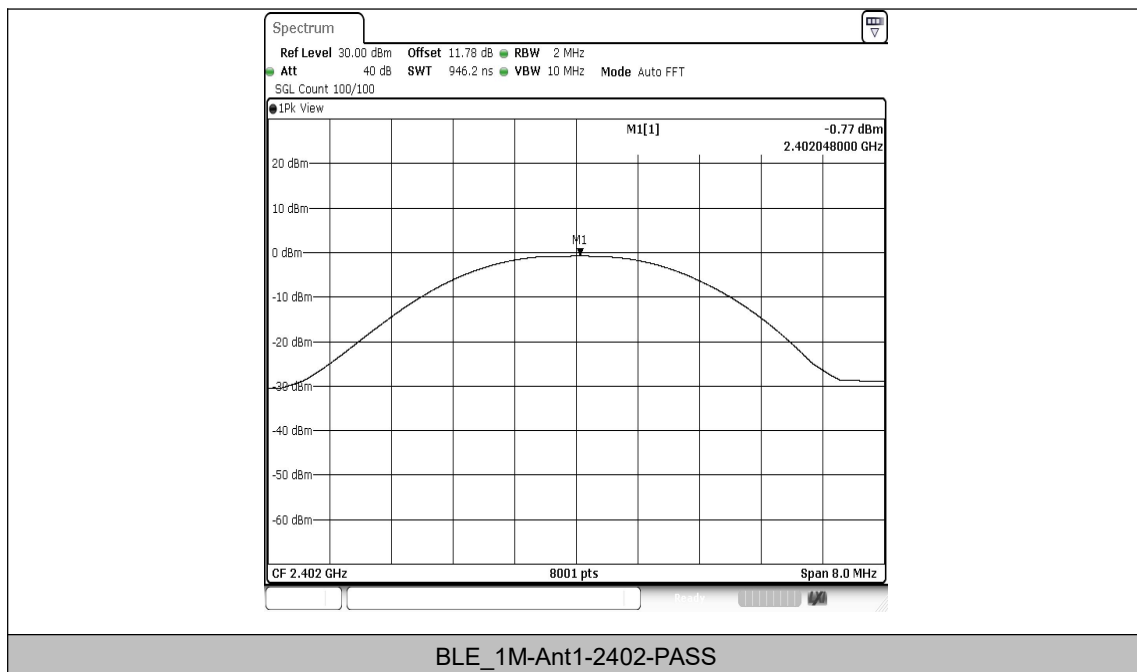


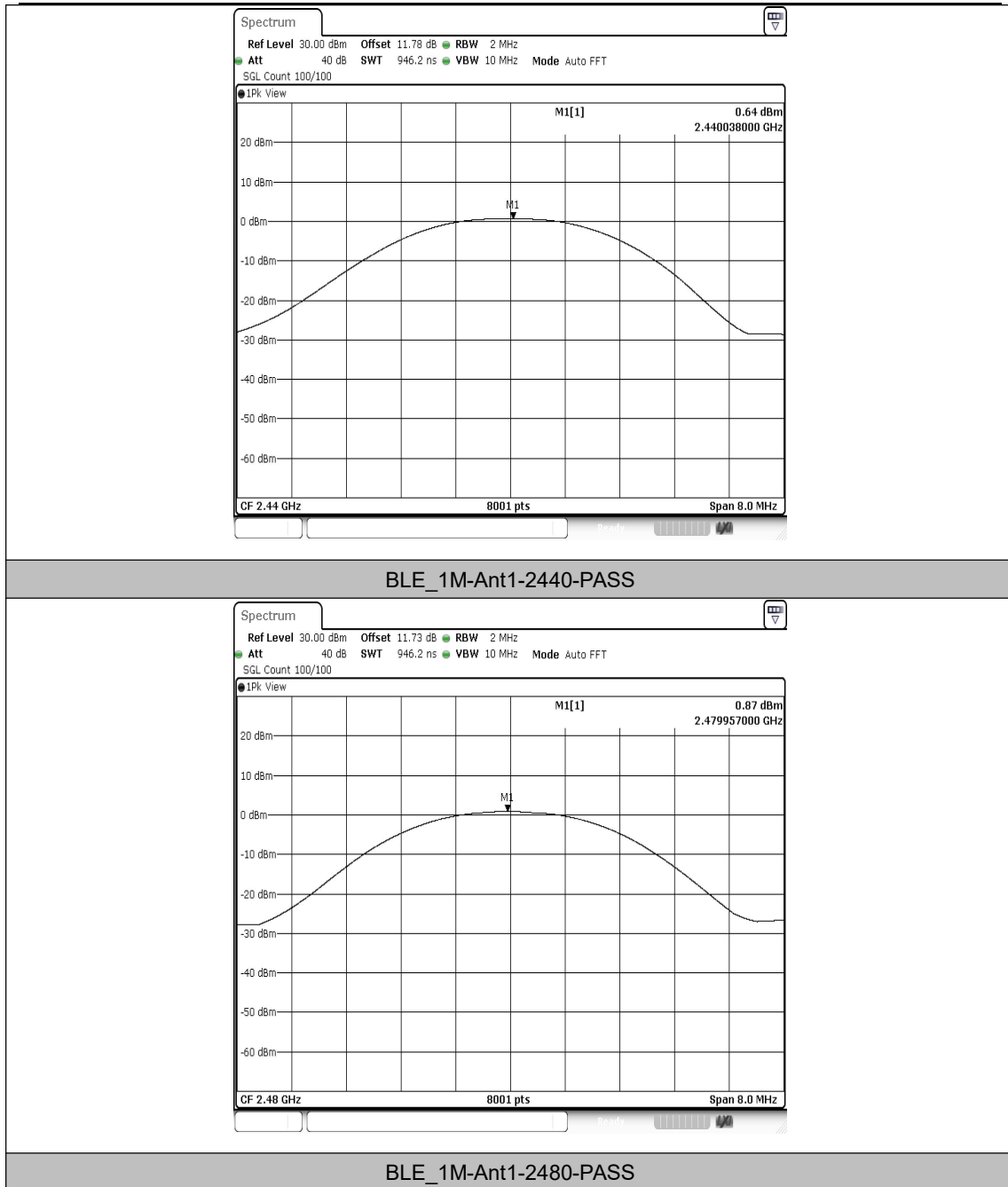
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.77	≤30	PASS
BLE_1M	Ant1	2440	0.64	≤30	PASS
BLE_1M	Ant1	2480	0.87	≤30	PASS
BLE_2M	Ant1	2402	-0.91	≤30	PASS
BLE_2M	Ant1	2440	0.59	≤30	PASS
BLE_2M	Ant1	2480	0.73	≤30	PASS

Test Graphs Peak

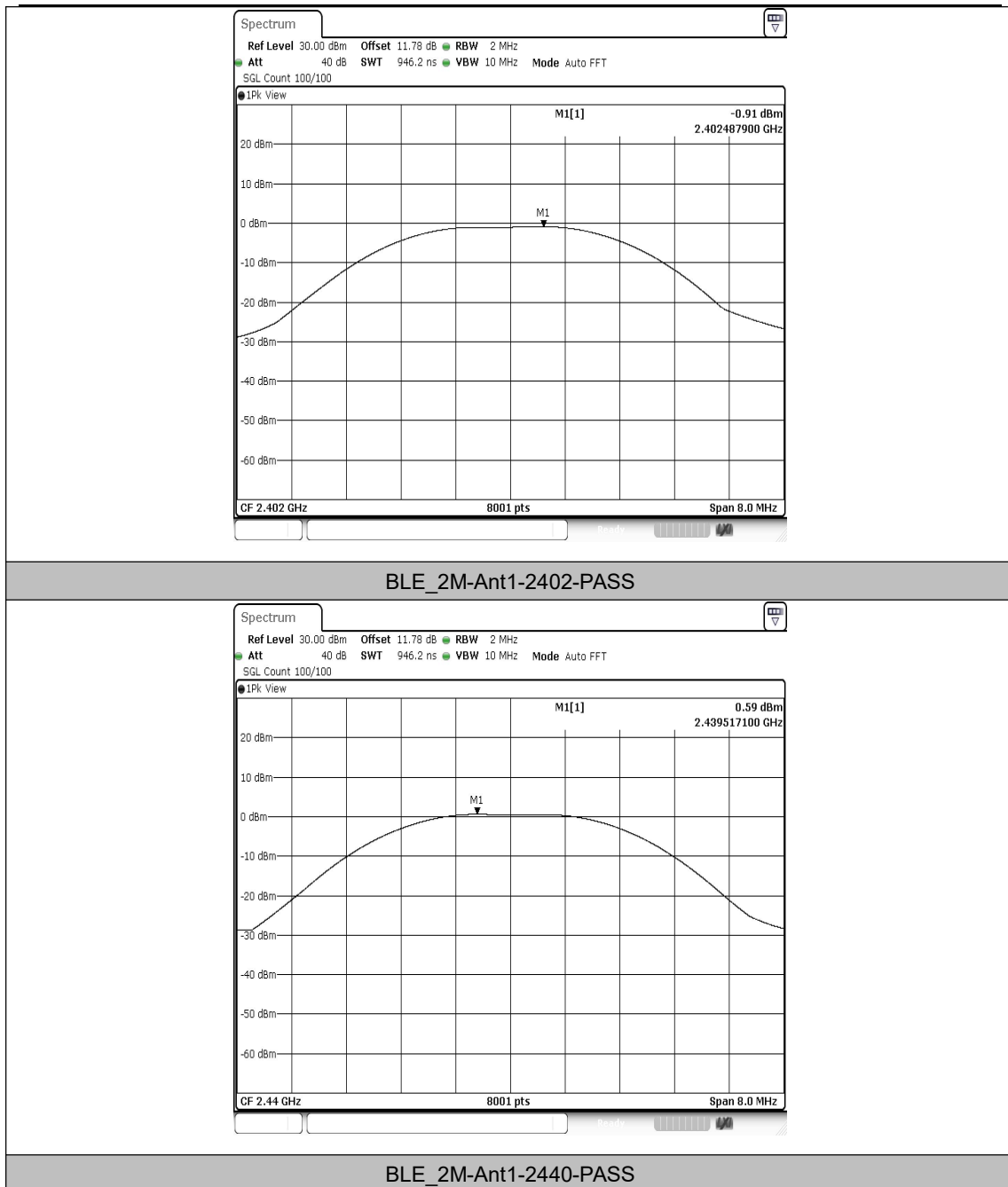




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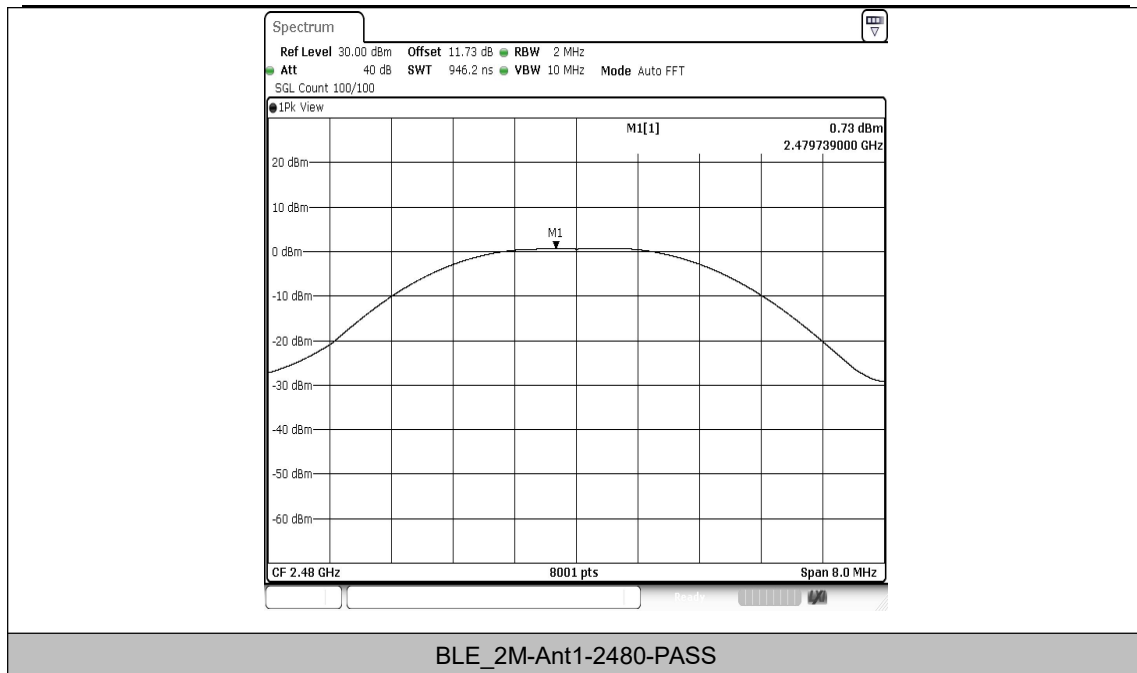
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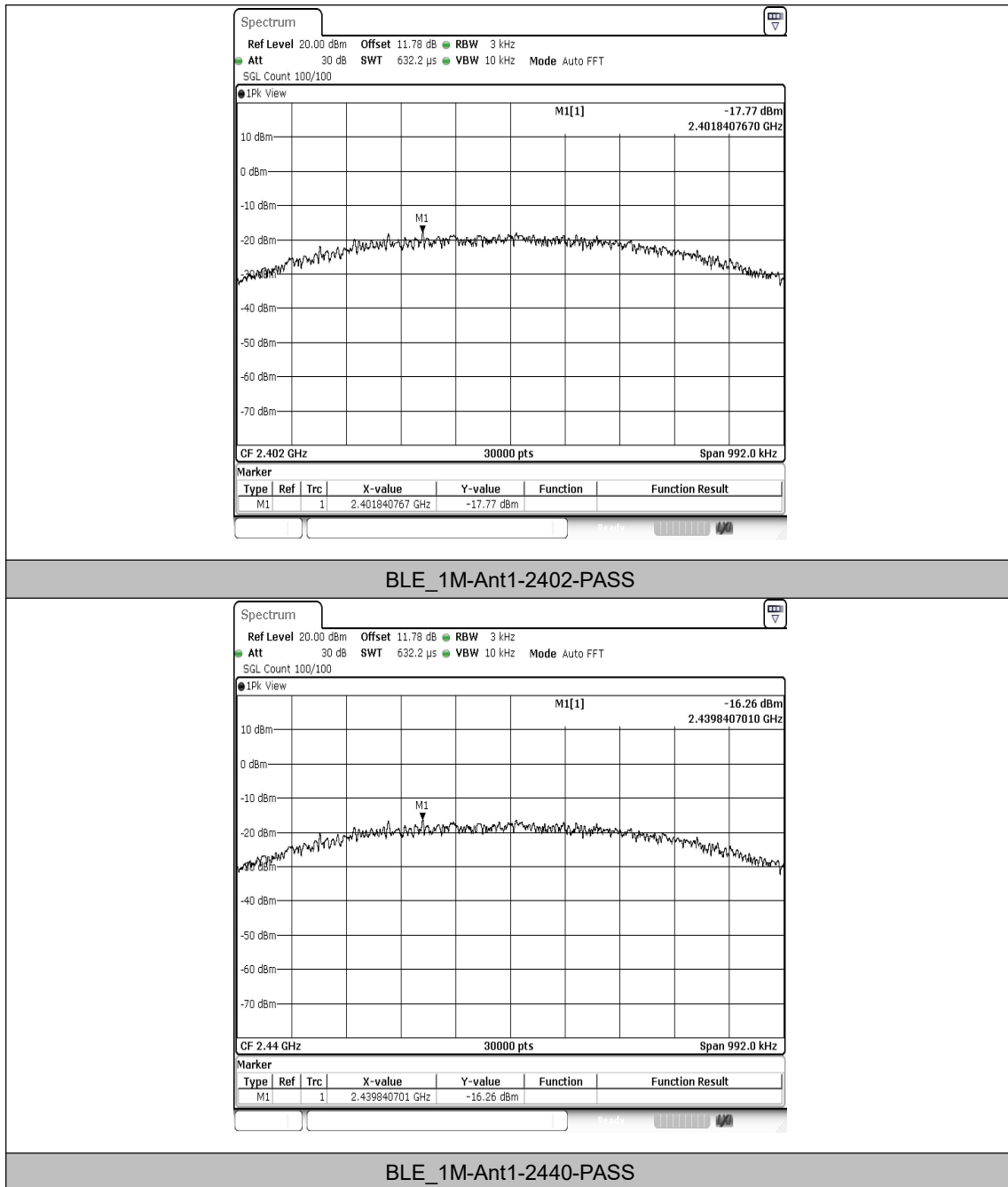
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.77	≤8.00	PASS
BLE_1M	Ant1	2440	-16.26	≤8.00	PASS
BLE_1M	Ant1	2480	-16.29	≤8.00	PASS
BLE_2M	Ant1	2402	-21.08	≤8.00	PASS
BLE_2M	Ant1	2440	-19.41	≤8.00	PASS
BLE_2M	Ant1	2480	-19.22	≤8.00	PASS

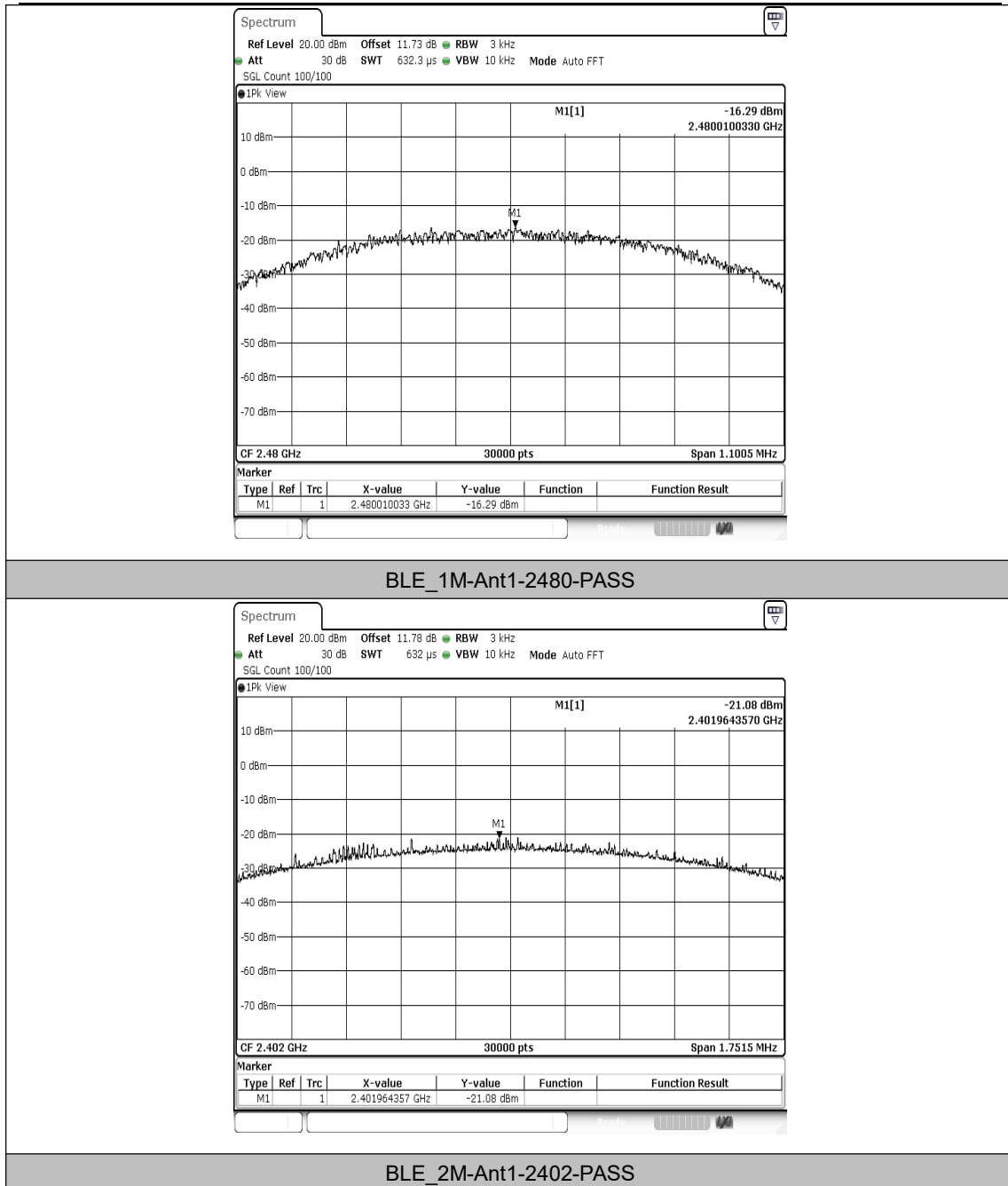
Test Graphs



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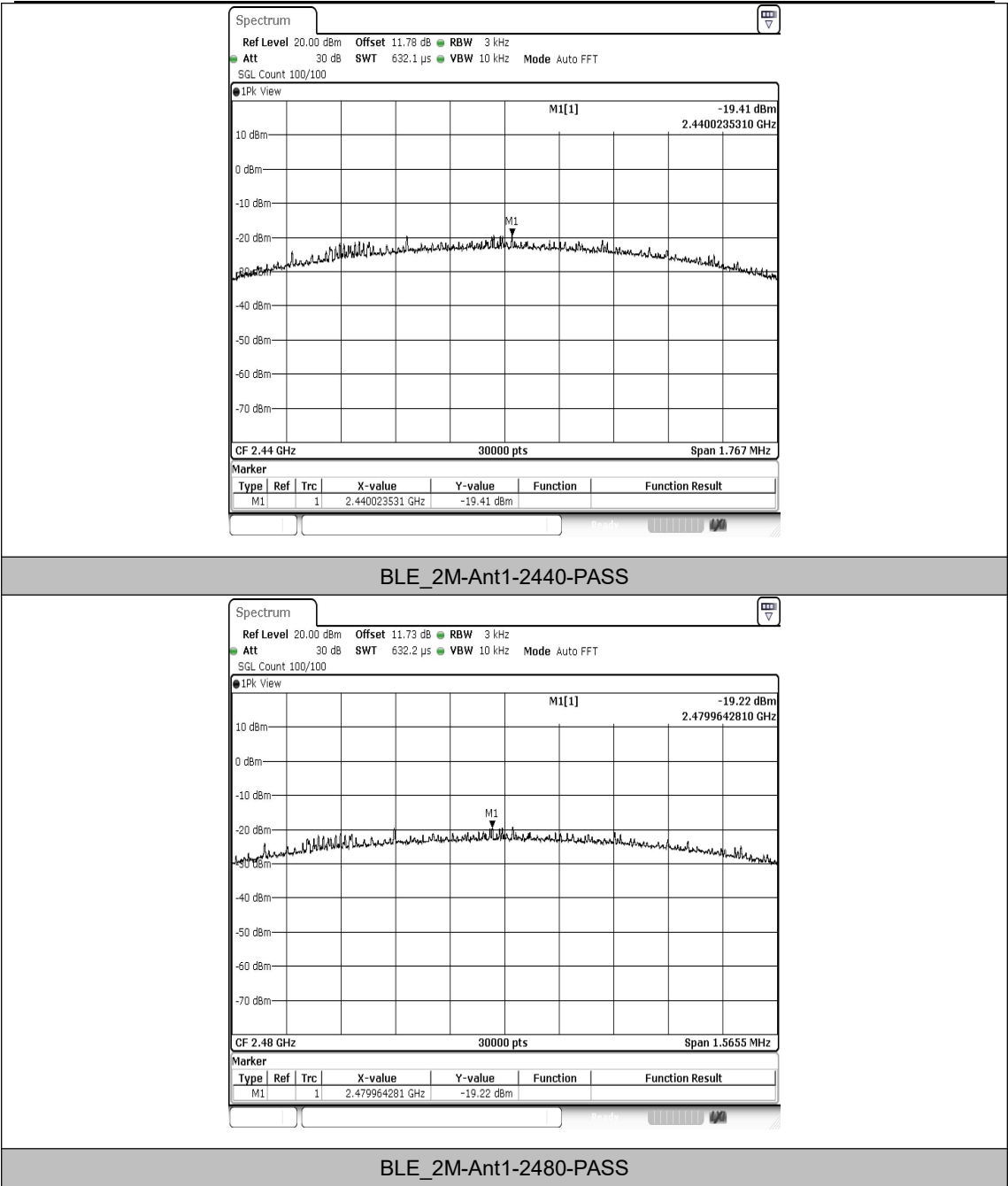
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.15	-47.03	≤ -21.15	PASS
BLE_1M	Ant1	High	2480	0.40	-46.5	≤ -19.6	PASS
BLE_2M	Ant1	Low	2402	-2.16	-45.11	≤ -22.16	PASS
BLE_2M	Ant1	High	2480	-2.60	-46.8	≤ -22.6	PASS